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(54) Title: **CATALYTIC CELLULIGNIN FUEL**

(57) Abstract: The present invention relates to a catalytic cellulignin fuel obtained by a biomass pre-hydrolysis process and that is composed of cellulose and globulized lignin with a specific surface of about 1.5 - 2.5 m²/g. The cellulignin fuel according to the invention may be ground down to particles smaller than 250 µm and has a combustion heat value that can reach up to 18 - 20 MJ/kg and an ignition time equal to or shorter than 20 ms (0.02s).

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